

Environmental Education Opportunities

at

CLAUDE MOORE PARK

21544 Old Vestals Gap Road, Sterling, VA 20164
www.loudoun.gov/prcs/parks/claude.htm
703-444-1275



Bring your students to Claude Moore Park to visit nature in their community! Naturalist-led environmental education field trips use an “outdoor classroom” to teach about animals and plants, their lives and habitats, their relationships with each other, with people, and with the non-living world. All tours include a hike through the evergreen and hardwood forests, along the shores of our wildlife ponds, or past the edges of wild meadows. Most groups will explore the exciting natural objects in Frogshackle Cabin, our hands-on nature center.

Fees and Information

- * \$3.50 per person, including chaperones, with a \$35 minimum,
(two teachers free per class)
 - * out of county fee is \$5.25 per person
- * Programs are held outdoors so participants need to dress for the weather
 - * Groups may picnic at the park before or after field trips
 - * To register please call 703-444-1275



Nature Lives and Grows (1 hour, 30 minutes; K-1st)

Students will:

- ♦ observe physical characteristics of plants and animals in the park
- ♦ discover what living things need to survive and where they find those things
 - ♦ learn some of the ways that living things change and grow.

SOL K.6, K.9, 1.4, 1.5

Seasonal Changes (1 hour, 30 minutes; K-5th)

In the **fall** students will explore:

- ♦ adaptations that allow animals to prepare for the coming cold or to ready themselves for hibernation and migration
- ♦ seed production, mechanisms to spread seeds and photosynthesis and fall color.



In the **spring** students will explore:

- ♦ springtime changes in animals
- ♦ the growth cycle of plants.

All groups will visit Frogshackle Nature Cabin.

SOL K.6, K.8 c, K.9, 1.7 a, b, 2.7 a, 3.8 a, b, 4.4

Ecology (1 hour, 30 minutes; 1st-5th)

Students will discover:

- ♦ some of the different habitats of the park, their physical conditions and how animals and plants are adapted to live there
 - ♦ observe how animals and plants depend on each other for survival
- ♦ examples of animal and plant adaptations in the natural artifacts displayed at Frogshackle Nature Center.

SOL 2.4, 2.5, 3.4, 3.5, 3.10 a, 4.5 a, c, d, 5.5 b, d

**Pond Study (1 hour and 45 minutes; 3rd-5th)
(September, October, May and June only)**

Students will:

- ♦ use microscopes and hand lenses to observe animal and plant life in pond water
 - ♦ use biological indicators to determine the health of the pond
 - ♦ explore the pond and wetland areas to observe wildlife and their signs
- ♦ discuss effects of human activities on ponds, the watershed and the Chesapeake Bay.
(*Equipment and materials for wetland, and watershed studies were funded by a grant from the sale of Chesapeake Bay license plates.*)

SOL 3.4, 3.5, 3.6 a, 3.10 a, b, 4.5 a, c, 4.8 a, b, 5.5 d

Classes may arrange for a day-long field trip including two of the environmental education field trips and enjoy lunch in the park. Grades 1, 2 and 4 may combine an environmental education field trip and one of the programs from Claude Moore Park's "History and Social Science Opportunities." A fee is charged for each trip. Combined tours will last 1.5 hours each. Call 703-444-1275 for information and to register.

Grades 1 through 5 may arrange for a combined field trip at Claude Moore Park, including an environmental education field trip and a field trip offered by the Loudoun Heritage Farm Museum, which is located at the park. A fee is charged for each trip. Call 704-421-5322 for information on Farm Museum Programs.



www.vanaturally.com



ADA – Loudoun County Parks, Recreation and Community Services is committed to complying with the Americans with Disabilities Act (ADA). If you need reasonable accommodations in order to participate, call the Park (703-444-1275) at least one week prior to the start of the activity.